

				ATTY. DOCKET NO. A-64260-5/RMS/AMS		SERIAL NO. 09/918,601		
				APPLICANT NOLAN, Garry P.				
				FILING DATE July 30, 2001		GROUP 1627		
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
TW	A1	5,639,595	6/1997	Mirabelli et al.	435	6		
	A2	5,723,323	3/1998	Kauffman et al.				
	A3	5,223,408	6/1993	Goeddel				
	A4	5,723,287	3/1998	Russell				
	A5	5,283,173	02-1994	Fields et al.				
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
TW	B1	95/16054	6/1995	WO				
	B2	94/19478	9/1994	WO				
	B3	95/04824	2/1995	WO				
	B4	96/38553	12/1996	WO				
	B5	96/23899	8/1996	WO				
	B6	90/02809	3/1990	WO				
	B7	93/08278	4/1993	WO				
	B8	94/06920	3/1994	WO				
	B9	91/19818	12/1991	WO				
	B10	96/40987	12/1996	WO				
	B11	92/07071	4/1992	WO				
	B12	91/17266	11/1991	WO				
	B13	86/05803	10/1986	WO				
	B14	00/05406	2/2000	WO				
	B15	92/05266	4/1992	WO				
	B16	93/23569	11/1993	WO				
	B17	0 383 620	8/1990	EP				
	B18	0 334 301B1	9/1989	EP				
EXAMINER T. Murphy				DATE CONSIDERED 8/12/02				

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PTO-1449

ATTY. DOCKET NO.
A-64260-5/RMS/AMS

SERIAL NO.
09/918.601

APPLICANT
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

↓	C1	Rayner and Gonda, "A Simple and Efficient Procedure for Generating Stable Expression Libraries by cDNA Cloning in a Retroviral Vector," <i>Mol Cell Biol</i> 14(2):880-887 (Feb 1994)
↓	C2	Gudkov et al., "Cloning mammalian genes by expression selection of genetic suppressor elements: Association of kinesin with drug resistance and cell immortalization," <i>Proc. Natl. Acad. Sci. USA</i> 91:3744-3748 (Apr 1994)
↓	C3	Whiteway et al., "Dominant negative selection of heterologous genes: Isolation of <i>Candida albicans</i> genes that interfere with <i>Saccharomyces cerevisiae</i> mating factor-induced cell cycle arrest," <i>Proc. Natl. Acad. Sci. USA</i> 89:9410-9414 (Oct 1992)

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. A-64260-5/RMS/AMS	SERIAL NO. 09/918,601	RECEIVED FEB 13 2002
APPLICANT NOLAN, Garry P.		FILING DATE July 30, 2001		
GROUP 1627		TECH CENTER 1600/2900		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
FDW	C4 Scott and Craig, "Random Peptide Libraries," <i>Current Opinion in Biotechnology</i> , 5:40-48 (1994).
↓	C5 Hupp et al., "Small Peptides Activate the Latent Sequence-Specific DNA Binding Function of p53," <i>Cell</i> , 83:237-245 (1995).
↓	C6 Cadwell and Joyce, "Randomization of Genes by PCR Mutagenesis," Abstract excerpted from: <i>PCR Methods and Applications</i> , 2(1):28-33 (1992) (Abstract No. XP 002033396).
↓	C7 Fong et al., "Scanning Whole Cells with Phage-Display Libraries: Identification of Peptide Ligands that Modulate Cell Function," <i>Drug Development Research</i> , 33:64-70 (1994).
↓	C8 Palzkill et al., "Selection of Functional Signal Peptide Cleavage Sites from a Library of Random Sequences," <i>J. Bacteriology</i> , 563-568 (1994).
↓	C9 Pear et al., "Production of High-Titer Helper-Free Retroviruses by Transient Transfection," <i>PNAS USA</i> , 90:8392-8396 (1993).
↓	C10 Kitamura et al., "Efficient Screening of Retroviral cDNA Expression Libraries," <i>PNAS USA</i> , 92:9146-1950 (1995).
↓	C11 Luzzago et al., "Mimicking of discontinuous epitopes by phage-displayed peptides. I. Epitope mapping of human H ferritin using a phage library of constrained peptides," <i>Gene</i> 128:51-57 (1993)
↓	C12 Wong et al., "High-Efficiency Identification of Genes by Functional Analysis from a Retroviral cDNA Expression Library," <i>J. Virology</i> 68(9):5523-5531 (1994)
↓	C13 Gudkov et al., "Isolation of genetic suppressor elements, inducing resistance to topoisomerase II-interactive cytotoxic drugs, from human topoisomerase II cDNA," <i>Proc. Natl. Acad. Sci. USA</i> 90(8):3231-3235 (1993)
Next on file	C14 Kaufman, "Vectors Used for Expression in Mammalian Cells," <i>Meth. Enzymol.</i> 185:487-511 (1990)
↓	C15 Nilsson et al., "Fusion proteins in biotechnology and structural biology," <i>Curr. Opin. Struc. Biol.</i> 2:569:575 (1992)
↓	C16 Jellis et al., "Defining critical residues in the epitope for a HIV-neutralizing monoclonal antibody using phage display and peptide array technologies," <i>Gene</i> 137:63-68 (1993)
↓	C17 Drucker et al., "Generation of a large library of point mutations in polyoma middle T antigen," <i>Nuc. Acids Res.</i> 19(24):6855-6861 (1991)
↓	C18 van den Hazel et al., "Random Substitution of Large Parts of the Propeptide of Yeast Proteinase A," <i>J. Biol. Chem.</i> 270(15):8602-8609 (1995)
FDW	C19 Caldwell et al., "Molecular determinants of bioactivity of the <i>Saccharomyces cerevisiae</i> lipopeptide mating pheromone," <i>J. Biol. Chem.</i> 31:19817-23 (1994)
Next on file	C20 Groger et al., "Directional antisense and sense cDNA cloning using Epstein-Barr virus episomal expression vectors," <i>Gene</i> 81(2):285-94 (1989)
↓	C21 Yang, "Protein-peptide interactions analyzed with the yeast two-hybrid system," <i>Nuc. Acids Res.</i> 23(7):1152-6 (1995)
↓	C22 Cull et al., "Screening for receptor ligands using large libraries of peptides linked to the C terminus of the <i>lac</i> repressor," <i>Proc. Nat. Acad. Sci.</i> 89:1865-69 (1992)
FDW	C23 Martin et al., "The affinity-selection of a minbody polypeptide inhibitor of human interleukin-6," <i>EMBO J</i> 13(22):5303-5309 (1994)

EXAMINER T. Mendenhall	DATE CONSIDERED 8/12/02
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

thw	C24	Berkhout and Klaver, "In vivo selection of randomly mutated retroviral genomes," <i>Nucleic Acids Res.</i> 21(22):5020-5024 (1993)
	C25	Gavin et al., "Major histocompatibility complex class I allele-specific peptide libraries: identification of peptides that mimic an H-Y T cell epitope," <i>Eur J. Immunol.</i> 24:2124-2133 (1994)
	C26	Abbas, et al., Chapter 11, "Cytokines", in <i>Cellular and Molecular Immunology</i> W.B. Saunders Co., Philadelphia, PA (1994)
	C27	Roninson et al., "Genetic Suppressor Elements: New Tools for Molecular Oncology - Thirteenth Cornelius P. Rhoads Memorial Award Lecture," <i>Cancer Res</i> 55:4023-4028 (Sep 1995)
	C28	Murphy and Efstratiadis, "Cloning vectors for expression of cDNA libraries in mammalian cells," <i>Proc. Natl. Acad. Sci. USA</i> 84:8277-8281 (Dec 1987)
	C29	LaBean and Kauffman, "Design of synthetic gene libraries encoding random sequence proteins with desired ensemble characteristics," <i>Protein Science</i> 2:1249-1254 (1993)
	C30	Deng et al., "Basis for selection of improved carbohydrate-binding single-chain antibodies from synthetic gene libraries," <i>Proc. Natl. Acad. Sci. USA</i> 92:4992-4996 (May 1995)
	C31	Virnekäs et al., "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed oligonucleotides for random mutagenesis," <i>Nucleic Acids Res</i> 22(25):5600-5607 (1994)
	C32	Ito et al., "A general method for introducing a series of mutations into cloned DNA using the polymerase chain reaction," <i>Gene</i> 102:67-70 (1991)
	C33	Stuhlmann et al., "Introduction of a selectable gene into different animal tissue by a retrovirus recombinant vector," <i>Proc. Natl. Acad. Sci. USA</i> 81:7151-7155 (Nov 1984)
	C34	Winnacker, E-L, <i>From genes to clones: Introduction to Gene Technology</i> , Weinheim, New York: VCH, pp. 260-270 (1987)
	C35	Winnacker, E-L, <i>From genes to clones: Introduction to Gene Technology</i> , Weinheim, New York: VCH, p. 359 (1987)
	C36	Winnacker, E-L, <i>From genes to clones: Introduction to Gene Technology</i> , Weinheim, New York: VCH, pp. 363-370 (1987)
	C37	Winnacker, E-L, <i>From genes to clones: Introduction to Gene Technology</i> , Weinheim, New York: VCH, pp. 373-374 (1987)
	C38	Caldecott, et al., "An Interaction between the Mammalian DNA Repair Protein XRCC1 and DNA Ligase III," <i>Mol Cell Biol</i> 14(1):68-76 (1994)
	C39	Youssoufian, H, "Localization of Fanconi anemia C protein to the cytoplasm of mammalian cells," <i>Proc. Natl. Acad. Sci. USA</i> 91:7975-7979 (Aug 1994)
	C40	Priority document, Denmark Patent Application No. 0629/95, titled "A Method for Identification of Biologically Active Peptides and Nucleic Acids" (June 2, 1995)
✓	C41	Kim et al., "Diversified sequences of peptide epitope for same-RNA recognition," <i>Proc. Natl. Acad. Sci. USA</i> 90:10046-10050 (Nov 1993)

EXAMINER

T. Munday

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APPLICANT
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FILING DATE
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- | | | |
|-----|-----|--|
| THW | C42 | Bock, L.C. et al. "Selection of single-stranded DNA molecules that bind and inhibit human thrombin." <i>Nature</i> . 1992 Feb 6;355(6360):564-6. |
| | C43 | Choo, Y, and Klug, A. "Selection of DNA binding sites for zinc fingers using rationally randomized DNA reveals coded interactions." <i>Proc Natl Acad Sci U S A</i> . 1994 Nov 8;91(23):11168-72. |
| | C44 | D'Andrea, R.J. et al., "Extracellular truncations of h beta c, the common signaling subunit for interleukin-3 (IL-3), granulocyte-macrophage colony-stimulating factor (GM-CSF), and IL-5, lead to ligand-independent activation." <i>Blood</i> . 1996 Apr 1;87(7):2641-8. |
| | C45 | D'Andrea, R. et al., "A mutation of the common receptor subunit for interleukin-3 (IL-3), granulocyte-macrophage colony-stimulating factor, and IL-5 that leads to ligand independence and tumorigenicity." <i>Blood</i> . 1994 May 15;83(10):2802-8. |
| | C46 | Jenkins, B.J. et al., "Activating point mutations in the common beta subunit of the human GM-CSF, IL-3 and IL-5 receptors suggest the involvement of beta subunit dimerization and cell type-specific molecules in signalling." <i>EMBO J</i> . 1995 Sep 1;14(17):4276-87. |
| | C47 | Mann, R. et al., "Construction of a retrovirus packaging mutant and its use to produce helper-free defective retrovirus." <i>Cell</i> . 1983 May;33(1):153-9. |
| | C48 | Pan, W. et al. "Isolation of virus-neutralizing RNAs from a large pool of random sequences." <i>Proc Natl Acad Sci U S A</i> . 1995 Dec 5;92(25):11509-13. |
| | C49 | Whitehead, I. et al., "Expression cloning of oncogenes by retroviral transfer of cDNA libraries." <i>Mol Cell Biol</i> . 1995 Feb;15(2):704-10. |

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